

Notes for above table.

Note 1: On dairy cattle: A 49% reduction factor on the one-third of the manure that is piled outside barn and holding area. Sources: Agricultural Waste Management Field Handbook, Chapter 4 Agricultural Waste Characteristics, USDA, SCS and conversations with various dairy specialists across the region.

Note 2: On swine: A 50% reduction factor on manure estimates because of the use of the lagoon when applied. Sources: Agricultural Waste Management Field Handbook, Chapter 4 Agricultural Waste Characteristics, USDA, SCS.

Note 3: Related to Layers - Source Agricultural Waste Management Field Handbook, Chapter 4 Agricultural Waste Characteristics, USDA, SCS

Weight of manure	60.50	lb/d/1000# animal	
Weight of litter	24.00	lb/d/1000# animal	
Total solids of manure	15.10	lb/d/1000# animal	
Total solids of litter	12.00	lb/d/1000# animal	
Moisture of manure	75.00%		
Moisture of litter	50.00%		
Delay factor (loss in manure on dry matter basis)	20.53%		1-(12.00/15.10)

Assume no organic matter added

Weight of manure at cleanout @75% moisture	48.08	lb/d/1000# animal	60.5*12.00/15.10
Ratio of cleanout to produced	0.7947		48.08/60.5

Note 4: Related to Broilers - Source Agricultural Waste Management Field Handbook, Chapter 4 Agricultural Waste Characteristics, USDA, SCS

Weight of manure	80.00	lb/d/1000# animal	
Weight of litter	24.00	lb/d/1000# animal	
Total solids of manure	20.00	lb/d/1000# animal	
Total solids of litter	26.50	lb/d/1000# animal	
Moisture of manure	75.00%		
Moisture of litter	24.00%		

Excerpt from Dr. Billy Clay Report, Exhibit G highlighting Note 4

Organic matter of litter	6.50	lb/d/1000# animal	26.5-20.0
Litter percent organic matter	24.53%		6.5/26.5
Manure in litter at cleanout (at 24% moisture)	18.11	lb/d/1000# animal	(1-.2453)*24
Manure in litter at cleanout (dry matter basis)	13.77	lb/d/1000# animal	18.11-(1-.240)

Ratio of manure at cleanout to produced	0.6883		13.7/(80.0*(1-.75))
---	--------	--	---------------------

Delay factor (Dry Matter Loss)	0.3117		1-.6883
--------------------------------	--------	--	---------

Note 5: Related to Turkeys - Source Agricultural Waste Management Field Handbook, Chapter 4 Agricultural Waste Characteristics, USDA, SCS